

chain nodes :

1 2 3 4 5 6 7 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 42 45 46 47 55 56 57 62

chain bonds :

1-2 1-3 1-4 3-62 4-5 5-6 5-7 5-9 6-55 10-11 10-12 10-13 14-15 14-16 14-17 18-19
18-20 18-21 22-23 23-24 24-25 25-26 25-27 28-29 28-37 29-30 30-31 30-32 30-36
32-33 32-34 35-42 35-45 45-46 45-47

exact/norm bonds :

1-2 1-3 3-62 5-6 5-9 6-55 29-30

exact bonds :

1-4 4-5 5-7 10-11 10-12 10-13 14-15 14-16 14-17 18-19 18-20 18-21 22-23 23-24
24-25 25-26 25-27 28-29 28-37 30-31 30-32 30-36 32-33 32-34 35-42 35-45 45-46
45-47

G1:H,F

G2:[*1],[*2],[*3],[*4],[*5],[*6]

G3:[*7],[*8]

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 9:CLASS 10:CLASS 11:CLASS
12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS
21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS
30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 42:CLASS
45:CLASS 46:CLASS 47:CLASS 55:CLASS 56:CLASS 57:CLASS 62:CLASS